

## What is a vehicle crossing?

The part of your driveway between the edge of the road and the boundary of your property

## Who is responsible for a vehicle crossing?

It is the responsibility of the property owner to organize construction and maintain the rural residential vehicle crossing to their property.

## Why is a proper vehicle crossing required?

- To improve safety for both vehicles entering and exiting the property, as well as other road users.
- To prevent damage occurring to the edge of the tar seal.
- To help prevent gravel, sediment and other debris from washing into, and blocking Council's stormwater system.

## Where is a vehicle crossing required?

On all rural properties which have road frontage and which have dwellings or other buildings on them.

## Who should I contact regarding vehicle crossings?

Firstly you need to contact a member of the Resource Engineering Section as they will be able to assist you with:

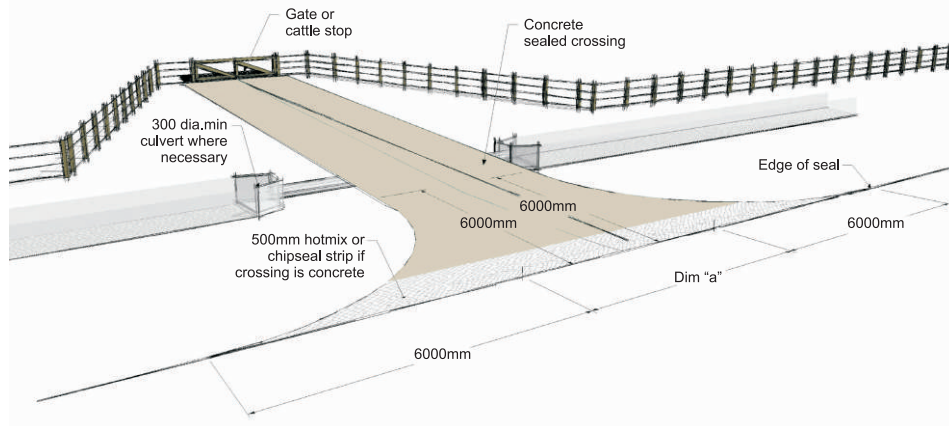
- Finding the safest position for the crossing.
- Providing you with the appropriate construction detail required.
- Filling out a Road Corridor Access Request (RCAR).
- Information on other permits that may be required.
- Determining whether you need other professional help.  
In some situations where access is difficult you may need to employ a consultant to assist in the vehicle crossing design and layout.
- You will need to engage contractors to undertake the works for you. The contractor is required to have Public Liability Insurance and will need to submit a Traffic Management Plan for approval by Council's Roding Engineer prior to the works starting.

Other vehicle crossing fact sheets available include:

- ▶ Urban Commercial and Industrial
- ▶ Urban Residential
- ▶ Rural Commercial and Tanker

# Rural Residential

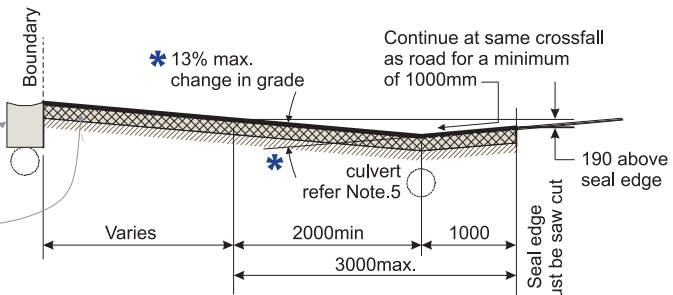
The diagrams below detail the standard to which all new rural residential vehicle crossings shall be constructed to comply with the Rotorua Civil Engineering Industry Standard



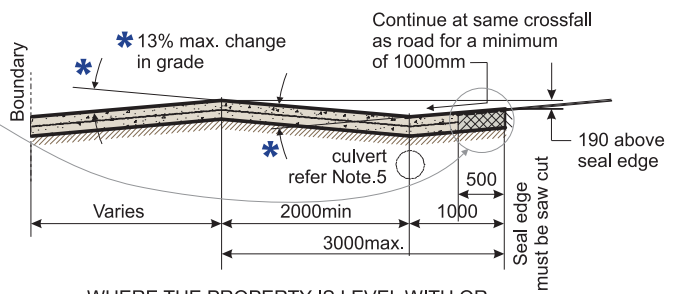
## Vehicle Crossing - Diagrammatic Only

### Notes:

1. Stormwater control via slot drain and soakage pits, (or similar approved stormwater control) at the boundary, to prevent run-off on to the road
2. 2-coat or bi-couche seal or 20mm hotmix over 150mm thick basecourse or 125mm thick 17.5MPa reinforced concrete (665 HRC centrally located) on a prepared consolidated subgrade. Dimensional details are the same for both sealed or concrete crossings. Area to be sealed shall also cover the anticipated or existing swept vehicle area - where road is sealed.
3. 500mm min. hotmix or chipseal strip to edge of concrete crossing. Strips on prepared consolidated subgrade.
4. 300mm min. dia. culvert pipe(s) approved to appropriate loading requirements. Cover over pipes to manufacturers standards.
5. Water table to each side of culvert aligned to prevent erosion.
6. Locate a minimum of 0.5m clear of cesspits, hydrants, power poles or similar services.

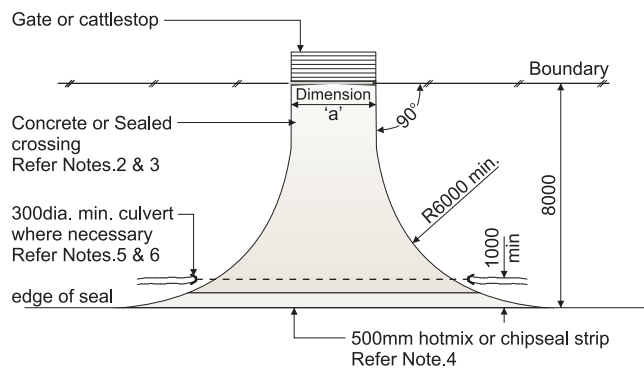


WHERE THE PROPERTY IS HIGHER THAN THE ROAD



WHERE THE PROPERTY IS LEVEL WITH OR LOWER THAN THE ROAD

Number of Potential Lots	Dimension 'a' (mm)
1	2500
2	3000
3-4	4000
5-8	5000



## Vehicle Crossing - Construction Detail

Refer Standard Drawing - Roading

### RD22

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